

**Work Order ID 80941**

Monday, March 05, 2012 4:54:08 PM

**\*80941\***

Page 1

Item ID: D350-607-545

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Heli-Utility-Basket

Start Date: 3/5/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 3/15/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: *MF*Date: *12-03-05* Tooling:

Date:

Run Start **\*NR1\***

QC:

Date: SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D350-607-3	A								
100		0.00							
<b>*100*</b>	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPPD350-607-545 CHG002								
110	Pick Kit	0.00							
<b>*110*</b>									
Packaging	Memo	0.00							
Packaging	***Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label ***								
115	QC5- Inspect part completeness to step on W/O	0.00							
<b>*115*</b>									
QC	Memo	0.00							
Quality Control	***Inspect label on lid***								

*March 19th*  
*Sup**12 03 12 (1)*  
*FORM LJS 12-3-15**012/3/15 (1)**12 03 12 (1)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 80941**

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**\*80941\***

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Item ID: D350-607-545

Revision ID:

Item Name: Heli-Utility-Basket

Start Date: 3/5/2012 Start Qty: 1.00

Required Date: 3/15/2012 Req'd Qty: 1.00

Reference:

Accept

**\*N900040100\***Setup Start **\*NS1\***Stop **\*NS2\***

Cust Item ID:

Customer:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	-----------	------------	------------	---------------	-------------

120

QC4- 100% Inspect kits for completeness

0.00

**\*120\***

QC

Memo

0.00

Quality Control

M 12 03 19 ①

130

Pick Kit

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

Package as per PPPD350-607-545

SUS

6/12/3/15

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

MCS 12/03/15

ME  
12-03-09

**Dart Aerospace Ltd**

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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
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# Picklist Print

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Page 1

Work Order ID: 80941

Parent Item: D350-607-545

Parent Item Name: Heli-Utility-Basket

Start Date: 3/5/2012

Required Date: 3/15/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-06-28 JLM VERIFIED BY: LL IPP REV:B 10-08-19 AS PER  
REV.A DD VERF BY:EC IPP Rev:C 11.02.09 add to install label DD verf by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

*wh* D350-607-511  
Quick Release Basket Mounting Installation

Manufactured

No

110

Each

1.0000

1

1

20748  
~~81151~~

*E SP*

Location

Loc Qty

Loc Code

FG

1

80777

1

*wh* D2690-6  
Canyard Assembly

Manufactured

No

110

Each

30.0000

1

1

*E SP*

Location

Loc Qty

Loc Code

ST016

30

79515

30

79515

*wh* D3912-041  
Eyebolt Receiver Assembly

Manufactured

No

110

Each

1.0000

1

1

79306 *E SP*

Location

Loc Qty

Loc Code

st507

1

77576

1

7

*wh* D4032-041  
Short Basket Assembly (350)

Manufactured

No

110

Each

0.0000

1

1

80972 *E SP*

*wh* D4085-3  
Placard, Instructions

Manufactured

No

110

Each

7.0000

1

1

*E SP*

Location

Loc Qty

Loc Code

ST122

7

78972

7

78972

*wh* D4086-220  
Placard, Max Load

Manufactured

No

110

Each

8.0000

1

1

Location

Loc Qty

Loc Code

ST122

8

69500

8

*M/O*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Page 2

Work Order ID: 80941

Parent Item: D350-607-545

Parent Item Name: Heli-Utility-Basket

Start Date: 3/5/2012

Required Date: 3/15/2012

Start Qty: 1.00

Required Qty: 1.00

**D4151-041** Manufactured No  
Basket Fwd Hardpoint Assembly, Lower

110 Each 5.0000

Location Loc Qty Loc Code

ST131 2

78970 2

ST134 3

77604 3

**D4151-043** Manufactured No  
Basket Fwd Hardpoint Assembly, Upper

110 Each 2.0000

Location Loc Qty Loc Code

ST134 2

79345 2

**D4150-041** Manufactured No  
Attachment Arm Assembly

110 Each 2.0000

Location Loc Qty Loc Code

ST134 2

79355 2

**AN4-13A** Purchased No  
Bolt

110 Each 1,627.0000

Location Loc Qty Loc Code

ST357 1627

119449 59

120187 668

120422 500

120770 400

**AN4C15** Purchased No  
BOLT

110 Each 38.0000

Location Loc Qty Loc Code

ST358 38

120124 38

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 80941

Parent Item: D350-607-545

Parent Item Name: Heli-Utility-Basket

Start Date: 3/5/2012

Required Date: 3/15/2012

Start Qty: 1.00

Required Qty: 1.00

AN310C4  
Nut

Purchased No

110 Each 55.0000 1 1

Location	Loc Qty	Loc Code
ST344	55	
119324	25	
120360	30	

119329

MS17984-C413  
PIN, QUICK RELEASE

Purchased No

110 Each 11.0000 1 1

Location	Loc Qty	Loc Code
ST315	11	
114340	1	
118612	2	
120123	2	
120360	5	
120521	1	

12/01/1

MS21042L4  
Nut

Purchased No

110 Each 4,310.0000 6 6

Location	Loc Qty	Loc Code
ST300	4310	
117441	51	
117601	157	
118451	133	
119017	200	
119075	3769	

119075

MS24665-151  
Cotter Pin

Purchased No

110 Each 323.0000 1 1

Location	Loc Qty	Loc Code
ST309	323	
17566	323	

17566

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 80941

Parent Item: D350-607-545

Parent Item Name: Heli-Utility-Basket

Start Date: 3/5/2012

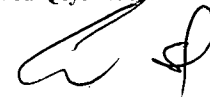
Required Date: 3/15/2012

Start Qty: 1.00

Required Qty: 1.00

 NAS1515H4L . Purchased No

110 Each 656.0000 2 2



Location	Loc Qty	Loc Code
FG	8	
103691	8	
ST277	648	
118709	148	
120390	500	

 NAS1149F0432P Washer Purchased No

110 Each 238.0000 12 12



Location	Loc Qty	Loc Code
ST275	238	
120142	38	
120360	200	

 NAS1149C0463R Washer Purchased No

110 Each 1,152.0000 3 3



Location	Loc Qty	Loc Code
FP001	1	
115358	1	
ST297	1151	
117735	151	
119097	1000	

119097

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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REFERENCE ONLY

DART AEROSPACE LTD.

D350-607-3  
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#### 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-k-g	135 in 3.43 m	10895 in-lb 125.5 m-k-g
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-k-g	135 in 3.43 m	8870 in-lb 102.2 m-k-g
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-k-g	135 in 3.43 m	7925 in-lb 89.9 m-k-g
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-k-g	135 in 3.43 m	6440 in-lb 74.1 m-k-g
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-k-g	135 in 3.43 m	972 in-lb 11.3 m-k-g

#### 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: A  
Date: 10.06.28